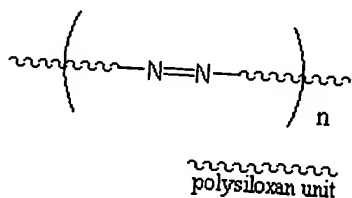


VPS-Series

Wako

1. Chemical structure



2. Characteristics:

The polymer segment is Polydimethyl siloxane, which will contribute the following characteristics to the resulting block copolymer:
heat-resistance, water repellency, lubrication, mold releasing properties,
bio-affinity, air-permeability.

3. Product list

Product	Molecular weight	Molecular weight of segment	mole of azo group per 1g (*1)
VPS-0501	30,000 - 50,000	5,000	0.2 mmol/g (1/30)
VPS-1001	70,000 - 90,000	10,000	0.1 mmol/g (1/60)

(*1) : Comparison with AIBN (Molecular weight = 164g, mol of azo group per 1g AIBN is 6 mmol/g)

for sample, pamphlet, MSDS - [click here](#)

L Number	Hits	Search Text	DB	Time stamp
-	330913	silicone or polysiloxane or polyorganosiloxane or polydiorganosiloxane or organopolysiloxane or organosiloxane or diorganopolysiloxane or siloxane or organosilicone	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/30 08:50
-	291195	particle adj size	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/30 08:49
-	902508	release	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/29 11:28
-	452791	cure or curing or curative or cured	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/30 08:50
-	4602	(silicone or polysiloxane or polyorganosiloxane or polydiorganosiloxane or organopolysiloxane or organosiloxane or diorganopolysiloxane or siloxane or organosilicone) and (particle adj size)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/29 11:29
-	62027	and release and (cure or curing or curative or cured) surface adj roughness or rz or "r.sub.z"	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/29 11:30
-	392	((silicone or polysiloxane or polyorganosiloxane or polydiorganosiloxane or organopolysiloxane or organosiloxane or diorganopolysiloxane or siloxane or organosilicone) and (particle adj size) and release and (cure or curing or curative or cured)) and (surface adj roughness or rz or "r.sub.z")	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/29 11:30
-	41067	weight adj average adj molecular adj weight	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/29 11:31
-	74	((((silicone or polysiloxane or polyorganosiloxane or polydiorganosiloxane or organopolysiloxane or organosiloxane or diorganopolysiloxane or siloxane or organosilicone) and (particle adj size) and release and (cure or curing or curative or cured)) and (surface adj roughness or rz or "r.sub.z")) and (weight adj average adj molecular adj weight)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/29 11:31
-	10	vps adj 1001n or vps adj "1001" or vps-1001n or vps-1001	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/30 08:52
-	291195	particle adj size	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/30 08:49
-	1	(vps adj 1001n or vps adj "1001" or vps-1001n or vps-1001) and (particle adj size)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/30 08:49

-	91501	roughness	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/30 08:49
-	1	(vps adj 1001n or vps adj "1001" or vps-1001n or vps-1001) and roughness	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/30 08:49
-	330913	silicone or polysiloxane or polyorganosiloxane or polydiorganosiloxane or organopolysiloxane or organosiloxane or diorganopolysiloxane or siloxane or organosilicone	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/30 10:43
-	452791	cure or curing or curative or cured	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/30 08:50
-	8	(vps adj 1001n or vps adj "1001" or vps-1001n or vps-1001) and (silicone or polysiloxane or polyorganosiloxane or polydiorganosiloxane or organopolysiloxane or organosiloxane or diorganopolysiloxane or siloxane or organosilicone) and (cure or curing or curative or cured)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/30 10:43
-	1	vps adj 1001n or vps-1001n	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/30 09:52
-	317833	size near2 particle	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/30 09:52
-	40085	(silicone or polysiloxane or polyorganosiloxane or polydiorganosiloxane or organopolysiloxane or organosiloxane or diorganopolysiloxane or siloxane or organosilicone) and (size near2 particle)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/30 09:52
-	291195	(particle adj size) and (size near2 particle)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/30 09:53
-	36	particle/ml	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/30 09:53
-	696	particles/ml	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/30 10:20
-	75	(silicone or polysiloxane or polyorganosiloxane or polydiorganosiloxane or organopolysiloxane or organosiloxane or diorganopolysiloxane or siloxane or organosilicone) and particles/ml	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/30 09:53
-	53	((silicone or polysiloxane or polyorganosiloxane or polydiorganosiloxane or organopolysiloxane or organosiloxane or diorganopolysiloxane or siloxane or organosilicone) and particles/ml) and (particle adj size)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/30 09:59

-	15	((silicone or polysiloxane or polyorganosiloxane or polydiorganosiloxane or organopolysiloxane or organosiloxane or diorganopolysiloxane or siloxane or organosilicone) and particles/ml) and (particle adj size)) and silane foreign adj matter	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/30 10:18
-	47816		USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/30 10:18
-	5	particles/ml and (foreign adj matter) and (silicone or polysiloxane or polyorganosiloxane or polydiorganosiloxane or organopolysiloxane or organosiloxane or diorganopolysiloxane or siloxane or organosilicone)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/30 10:20
-	140576	particle? near5 size	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/30 10:20
-	696	particles/ml	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/30 10:20
-	40	(silicone or polysiloxane or polyorganosiloxane or polydiorganosiloxane or organopolysiloxane or organosiloxane or diorganopolysiloxane or siloxane or organosilicone) and (particle? near5 size) and particles/ml	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/30 10:21
-	3376815	("40" or ((silicone or polysiloxane or polyorganosiloxane or polydiorganosiloxane or organopolysiloxane or organosiloxane or diorganopolysiloxane or siloxane or organosilicone) and particles/ml) and (particle adj size))) not (((silicone or polysiloxane or polyorganosiloxane or polydiorganosiloxane or organopolysiloxane or organosiloxane or diorganopolysiloxane or siloxane or organosilicone) and particles/ml) and (particle adj size))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/30 10:21
-	1	((silicone or polysiloxane or polyorganosiloxane or polydiorganosiloxane or organopolysiloxane or organosiloxane or diorganopolysiloxane or siloxane or organosilicone) and (particle? near5 size) and particles/ml) or (((silicone or polysiloxane or polyorganosiloxane or polydiorganosiloxane or organopolysiloxane or organosiloxane or diorganopolysiloxane or siloxane or organosilicone) and particles/ml) and (particle adj size))) not (((silicone or polysiloxane or polyorganosiloxane or polydiorganosiloxane or organopolysiloxane or organosiloxane or diorganopolysiloxane or siloxane or organosilicone) and particles/ml) and (particle adj size))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/30 10:21
-	4	((vps adj 1001n or vps adj "1001" or vps-1001n or vps-1001) and (silicone or polysiloxane or polyorganosiloxane or polydiorganosiloxane or organopolysiloxane or organosiloxane or diorganopolysiloxane or siloxane or organosilicone) and (cure or curing or curative or cured)) and particle	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/30 10:43